

## Freeform Search

---

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

Term:	L2 and (container or vessel or bottle)	▲
		▼

Display:	<input type="text" value="10"/>	Documents in	Display Format:	<input type="text" value="-"/>	Starting with Number	<input type="text" value="1"/>
Generate:	<input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image					

---

Search

Clear

Interrupt

---

### Search History

---

DATE: Tuesday, November 23, 2004 [Printable Copy](#) [Create Case](#)Set Name Query  
side by sideHit Count Set Name  
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L3</u>	L2 and (container or vessel or bottle)	16	<u>L3</u>
<u>L2</u>	L1 and craz\$3	67	<u>L2</u>
<u>L1</u>	pattern\$3 with solvent and (resin or polymer\$2)	10338	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (craz\$3 with pattern\$3)	5

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Tuesday, November 23, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
DB=PGPB,USPT; PLUR=YES; OP=ADJ			
<u>L2</u>	L1 and (craz\$3 with pattern\$3)	5	<u>L2</u>
<u>L1</u>	428/35.7 or 428/483 or 428/516	8971	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L2 and (dissolv\$3 or solvent or remov\$3)	4

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
**Derwent World Patents Index**  
 IBM Technical Disclosure Bulletins

Search:

L3





### Search History

DATE: Tuesday, November 23, 2004    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=DWPI; PLUR=YES; OP=ADJ*

<u>L3</u>	L2 and (dissolv\$3 or solvent or remov\$3)	4	<u>L3</u>
<u>L2</u>	L1 and (pattern\$3 or craz\$3)	22	<u>L2</u>
<u>L1</u>	(bottle or container) and blow mold\$3	1774	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

---

<b>Database:</b>	<div style="border: 1px solid black; padding: 2px;">         US Pre-Grant Publication Full-Text Database          US Patents Full-Text Database          US OCR Full-Text Database          EPO Abstracts Database          JPO Abstracts Database  <b>Derwent World Patents Index</b>          IBM Technical Disclosure Bulletins       </div>
<b>Term:</b>	<div style="border: 1px solid black; padding: 2px;">         L7 and ((solvent or dissolv\$3 or chemical\$2)          with etch\$3)       </div>
<b>Display:</b>	<div style="border: 1px solid black; padding: 2px;">         10 Documents in Display Format: <div style="border: 1px solid black; padding: 0 5px;">REV</div> Starting with Number <div style="border: 1px solid black; padding: 0 5px;">1</div> </div>
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

---

Search

Clear

Interrupt

---

### Search History

---

DATE: Tuesday, November 23, 2004   [Printable Copy](#)   [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=DWPI; PLUR=YES; OP=ADJ*

<u>L8</u>	L7 and ((solvent or dissolv\$3 or chemical\$2) with etch\$3)	24	<u>L8</u>
<u>L7</u>	L6 not L4	173	<u>L7</u>
<u>L6</u>	L1 and etch\$3	174	<u>L6</u>
<u>L5</u>	L4 and etch\$3	1	<u>L5</u>
<u>L4</u>	L2 not L3	39	<u>L4</u>
<u>L3</u>	L2 and solvent	3	<u>L3</u>
<u>L2</u>	L1 and (container or bottle or vessel)	42	<u>L2</u>
<u>L1</u>	((craz\$3 or stri\$6) with pattern\$3) and (resin or polymer\$2)	1362	<u>L1</u>

END OF SEARCH HISTORY



PALM INTRANET

Day : Tuesday  
Date: 11/23/2004  
Time: 05:43:38

## Inventor Information for 10/629593

Inventor Name	City	State/Country
TANAKA, NORIYUKI	KOTO-KU	JAPAN
IIZUKA, TAKAO	KOTO-KU	JAPAN

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data
------------	----------	---------------	-----------------	-----------------	--------------

Search Another: Application# or Patent# PCT /  / or PG PUBS # Attorney Docket # Bar Code # 

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

PALM INTRANET

Day : Tuesday  
 Date: 11/23/2004  
 Time: 05:43:44

## Inventor Name Search Result

Your Search was:

Last Name = TANAKA

First Name = NORIYUKI

Application#	Patent#	Status	Date Filed	Title	Inventor Name 29
<u>10668253</u>	Not Issued	030	09/24/2003	DATA BUS WIDTH CONVERSION APPARATUS AND DATA PROCESSING APPARATUS	TANAKA, NORIYUKI
<u>10629593</u>	Not Issued	030	07/30/2003	SYNTHETIC RESIN CONTAINER HAVING A CRAZE PATTERN THEREON AND METHOD FOR PRODUCING THE SAME	TANAKA, NORIYUKI
<u>10434909</u>	Not Issued	030	05/09/2003	AIR-DRIVEN CUTTING DEVICE FOR MEDICAL TREATMENT	TANAKA, NORIYUKI
<u>10434908</u>	Not Issued	030	05/09/2003	AIR-DRIVEN CUTTING DEVICE FOR MEDICAL TREATMENT	TANAKA, NORIYUKI
<u>10225295</u>	Not Issued	020	08/22/2002	COMMUNICATION DEVICE WITH MULTI-STAGES OF TRAFFIC SHAPING FUNCTIONS	TANAKA, NORIYUKI
<u>10087763</u>	<u>6638427</u>	150	03/05/2002	WASTE WATER TREATMENT METHOD BEING ABLE TO TREAT SURFACE ACTIVE AGENT, NITROGEN, HYDROGEN PEROXIDE AND PHOSPHOR WITH HIGH EFFICIENCY	TANAKA, NORIYUKI
<u>09790579</u>	<u>6423228</u>	150	02/23/2001	TREATING FLUORINE WASTE WATER CONTAINING ORGANIC MATTER, PHOSPHOR AND HYDROGEN PEROXIDE	TANAKA, NORIYUKI
<u>09755198</u>	<u>6571848</u>	150	01/08/2001	SEALING APPARATUS	TANAKA, NORIYUKI
<u>09432599</u>	<u>6375837</u>	150	11/03/1999	WASTE WATER	TANAKA ,

				TREATMENT METHOD BEING ABLE TO TREAT SURFACE ACTIVE AGENT, NITROGEN, HYDROGEN PEROXIDE AND PHOSPHOR WITH HIGH EFFICIENCY AND EQUIPMENT THEREFOR	NORIYUKI
<u>09374520</u>	Not Issued	161	08/16/1999	MULTI-POLE GENERATOR	TANAKA , NORIYUKI
<u>09369361</u>	<u>6217765</u>	150	08/06/1999	WASTE WATER TREATMENT METHOD AND WASTE WATER TREATMENT EQUIPMENT CAPABLE OF TREATING FLUORINE WASTE WATER CONTAINING ORGANIC MATTER, PHOSPHOR AND HYDROGEN PEROXIDE	TANAKA , NORIYUKI
<u>09350140</u>	<u>6512741</u>	150	07/09/1999	COMMUNICATION DEVICE WITH MULTI-STAGES OF TRAFFIC SHAPING FUNCTIONS	TANAKA , NORIYUKI
<u>09275260</u>	<u>6228267</u>	150	03/23/1999	WASTE WATER TREATMENT METHOD AND EQUIPMENT BEING ABLE TO ECONOMICALLY TREAT BOTH A WASTE WATER AND AN EXHAUST GAS RESPECTIVELY CONTAINING FLUORINE AND ORGANIC MATTER	TANAKA , NORIYUKI
<u>09132144</u>	<u>6063279</u>	150	08/10/1998	WASTE WATER TREATMENT METHOD AND EQUIPMENT BEING ABLE TO TREAT HYDROGEN PEROXIDE, PHOSPHORUS, FLUORINE AND ORGANIC-MATTERS WITH HIGH EFFICIENCY	TANAKA , NORIYUKI
<u>09040467</u>	Not Issued	161	03/18/1998	APPARATUS AND METHOD FOR PROCESSING ATM CELLS	TANAKA , NORIYUKI
<u>08799766</u>	<u>5905495</u>	150	02/12/1997	COMMUNICATION SYSTEM USING ELECTRONIC MAIL	TANAKA , NORIYUKI
<u>08666634</u>	Not Issued	161	06/18/1996	DATA COMMUNICATION METHOD, DATA COMMUNICATIONS	TANAKA , NORIYUKI



				TERMINAL, AND DATA COMMUNICATIONS SYSTEM	
<u>08452400</u>	<u>5580458</u>	150	05/26/1995	METHOD FOR WASTE WATER TREATMENT USING CALCIUM CARBONATE MINERAL AND MICROORGANISMS IN COMBINATION	TANAKA , NORIYUKI
<u>08120466</u>	<u>5379622</u>	150	09/14/1993	METHOD OF FORMING HELICAL SPLINES WITH STOPPERS ON A ROTARY SHAFT, AND ROLLING TOOLS FOR PRACTICING THE METHOD	TANAKA , NORIYUKI
<u>08097857</u>	<u>5480537</u>	150	07/29/1993	APPARATUS FOR WASTE WATER TREATMENT USING CALCIUM CARBONATE MINERAL AND MICROORGANISMS IN COMBINATION	TANAKA , NORIYUKI
<u>07999782</u>	<u>5336524</u>	150	12/30/1992	EVAPORATOR	TANAKA , NORIYUKI
<u>07960921</u>	Not Issued	169	02/28/1992	EVAPORATOR	TANAKA , NORIYUKI
<u>07866663</u>	Not Issued	166	02/28/1992	EVAPORATOR	TANAKA , NORIYUKI
<u>07687054</u>	Not Issued	166	04/18/1991	EVAPORATOR	TANAKA , NORIYUKI
<u>07466034</u>	Not Issued	161	01/17/1990	FIRE PRECISION MOLD WITH EXPANSION FOR HIGH-TEMPERATURE MOLDING, A HIGH-TEMPERATURE MOLDING MATERIAL FOR USE IN SUCH A MOLD AND A METHOD OF PRODUCING THE FIRE PRECISION MOLD WITH EXPANSION FOR HIGH-TEMPERATURE MOLDING	TANAKA , NORIYUKI
<u>07450103</u>	<u>4983873</u>	150	12/13/1989	ELECTRICAL BRUSH ASSEMBLY	TANAKA , NORIYUKI
<u>07432219</u>	Not Issued	161	11/06/1989	EVAPORATOR	TANAKA , NORIYUKI
<u>07259666</u>	<u>4920812</u>	150	10/19/1988	ENGINE STARTER STRUCTURE	TANAKA , NORIYUKI



06148843	4407354	150	05/12/1980	VEHICLE TEMPERTATURE CONTROL APPARATUS	TANAKA , NORIYUKI
----------	---------	-----	------------	---	----------------------

**Inventor Search Completed: No Records to Display.**

---

**Search Another:  
Inventor**

**Last Name**

TANAKA

**First Name**

NORIYUKI

**Search**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Tuesday  
Date: 11/23/2004  
Time: 05:43:56


**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = IIZUKA

First Name = TAKAO

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60144243</u>	Not Issued	159	07/19/1999	LARGE BOTTLE WITH INSERT-TYPE HANDLE	IIZUKA , TAKAO
<u>29157853</u>	<u>D481318</u>	150	03/28/2002	CONTAINER	IIZUKA, TAKAO
<u>29148550</u>	<u>D467505</u>	150	09/24/2001	CONTAINER BODY	IIZUKA, TAKAO
<u>29137031</u>	<u>D459234</u>	150	02/13/2001	BOTTLE	IIZUKA, TAKAO
<u>29136217</u>	<u>D462013</u>	150	01/29/2001	CONTAINER DOME	IIZUKA, TAKAO
<u>29109998</u>	<u>D452444</u>	150	08/30/1999	CONTAINER	IIZUKA , TAKAO
<u>29103911</u>	<u>D423350</u>	150	04/26/1999	HANDLE FOR USE WITH CONTAINER	IIZUKA , TAKAO
<u>29103910</u>	<u>D425418</u>	150	04/26/1999	CONTAINER WITH HANDLE	IIZUKA , TAKAO
<u>29095683</u>	<u>D414109</u>	150	10/28/1998	HANDLE FOR A CONTAINER	IIZUKA , TAKAO
<u>10812057</u>	Not Issued	030	03/30/2004	CONTAINER WITH INTEGRATED VACUUM PANEL, LOGO AND/OR RECESSED GRIP PORTION	IIZUKA, TAKAO
<u>10658197</u>	Not Issued	030	09/10/2003	BOTTOM STRUCTURE OF BOTTLE-SHAPED CONTAINER MADE OF SYNTHETIC RESIN	IIZUKA, TAKAO
<u>10629593</u>	Not Issued	030	07/30/2003	SYNTHETIC RESIN CONTAINER HAVING A CRAZE PATTERN THEREON AND METHOD FOR PRODUCING THE SAME	IIZUKA, TAKAO
<u>10500039</u>	Not Issued	020	06/23/2004	SYNTHETIC RESIN BOTTLE CONTAINER	IIZUKA, TAKAO
<u>10498702</u>	Not Issued	020	07/20/2004	SYNTHETIC RESIN BOTTLE	IIZUKA, TAKAO
<u>10495978</u>	Not Issued	020	10/21/2004	PINCH GRIP TYPE BOTTLE-SHAPED CONTAINER	IIZUKA, TAKAO

<u>10494579</u>	Not Issued	020	05/25/2004	SYNTHETIC RESIN CONTAINER	IIZUKA, TAKAO
<u>10490256</u>	Not Issued	020	10/20/2004	PINCH GRIP TYPE BOTTLE CONTIANER	IIZUKA, TAKAO
<u>10475329</u>	Not Issued	030	10/21/2003	BLOW-MOLDING BOTTLE	IIZUKA, TAKAO
<u>10473679</u>	Not Issued	030	10/23/2003	SYNTHETIC RESIN CONTAINER	IIZUKA, TAKAO
<u>10231195</u>	Not Issued	091	08/30/2002	LARGE BOTTLE WITH INSERT-TYPE HANDLE AND METHOD	IIZUKA, TAKAO
<u>10058309</u>	<u>6564959</u>	150	01/30/2002	BOTTLE -TYPE PLASTIC CONTAINER WITH RECESSED GRIP HAVING AT LEAST TWO STEPS	IIZUKA, TAKAO
<u>10058308</u>	<u>6640990</u>	150	01/30/2002	BOTTLE-TYPE PLASTIC CONTAINER WITH LONGITUDINALLY VARIABLE GRIP WIDTH TO ACCOMMODATE MULTIPLE HAND SIZES	IIZUKA, TAKAO
<u>10058307</u>	<u>6616001</u>	150	01/30/2002	BOTTLE-TYPE PLASTIC CONTAINER WITH REINFORCED VACUUM ABSORPTION PANEL IN GRIP REGION	IIZUKA, TAKAO
<u>10051138</u>	<u>6575321</u>	150	01/22/2002	CONTAINER WITH INTEGRATED VACUUM PANEL, LOGO AND GRIP PORTION	IIZUKA, TAKAO
<u>09989463</u>	<u>6739467</u>	150	11/21/2001	BOTTLE-SHAPED PLASTIC CONTAINER	IIZUKA, TAKAO
<u>09853596</u>	<u>6513669</u>	150	05/14/2001	BOTTLE FOR HOT FILLING USE, EQUIPPED WITH VACUUM ABSORPTION PANELS IN THE BODY PORTION	IIZUKA, TAKAO
<u>09837206</u>	Not Issued	161	04/19/2001	PLASTIC BOTTLE	IIZUKA, TAKAO
<u>09837202</u>	<u>6494333</u>	150	04/19/2001	HEAT-RESISTANT HOLLOW CONTAINER	IIZUKA, TAKAO
<u>09618218</u>	Not Issued	161	07/18/2000	LARGE BOTTLE WITH INSERT-TYPE HANDLE AND METHOD	IIZUKA, TAKAO
<u>09171521</u>	<u>6069149</u>	150	11/23/1998	NOVEL AMIDE DERIVATIVES AND INTERMEDIATES FOR THE SYNTHESIS THEREOF	IIZUKA , TAKAO
<u>08699784</u>	<u>5819966</u>	150	08/20/1996	SYNTHETIC RESIN BOTTLE	IIZUKA , TAKAO

				WITH GRIP	
<u>08107169</u>	<u>5407086</u>	150	08/17/1993	BOTTLE	IIZUKA , TAKAO
<u>07936913</u>	<u>D359449</u>	150	08/31/1992	BODY SECTION OF A BOTTLE	IIZUKA , TAKAO
<u>07936912</u>	Not Issued	163	08/31/1992	BODY SECTION OF A BOTTLE	IIZUKA , TAKAO
<u>07876135</u>	<u>5222615</u>	150	04/29/1992	CONTAINER HAVING SUPPORT STRUCTURE IN ITS BOTTOM SECTION	IIZUKA , TAKAO
<u>07790018</u>	Not Issued	166	11/05/1991	CONTAINER HAVING SUPPORT STRUCTURE IN ITS BOTTOM SECTION	IIZUKA , TAKAO
<u>07690665</u>	<u>5178290</u>	150	04/24/1991	CONTAINER HAVING COLLAPSE PANELS WITH INDENTATIONS AND REINFORCING RIBS	IIZUKA , TAKAO
<u>07570973</u>	Not Issued	161	08/22/1990	CONTAINER HAVING COLLAPSE PANELS WITH REINFORCING RIBS	IIZUKA , TAKAO
<u>07453164</u>	Not Issued	166	12/19/1989	CONTAINER HAVING SUPPORT STRUCTURE IN IS BOTTOM SECTION	IIZUKA , TAKAO
<u>07253322</u>	Not Issued	166	10/03/1988	CONTAINER HAVING SUPPORT STRUCTURE IN ITS BOTTOM SECTION	IIZUKA , TAKAO
<u>07180235</u>	<u>4822543</u>	150	04/11/1988	METHOD FOR FORMING PLASTIC CONTAINERS	IIZUKA , TAKAO
<u>07137948</u>	<u>4884961</u>	150	12/28/1981	APPARATUS FOR FORMING PLASTIC CONTAINERS	IIZUKA , TAKAO
<u>07014214</u>	Not Issued	166	02/05/1987	CONTAINER HAVING SUPPORT STRUCTURE IN ITS BOTTOM SECTION	IIZUKA , TAKAO
<u>06934789</u>	Not Issued	161	11/25/1986	METHOD AND APPARATUS FOR FORMING PLASTIC CONTAINERS	IIZUKA , TAKAO
<u>06931989</u>	<u>4717525</u>	150	11/25/1986	METHOD FOR FORMING PLASTIC CONTAINERS	IIZUKA , TAKAO
<u>06760548</u>	Not Issued	166	07/30/1985	METHOD AND APPARATUS FOR FORMING PLASTIC CONTAINERS	IIZUKA , TAKAO
<u>06760532</u>	Not Issued	166	07/30/1985	CONTAINER HAVING SUPPORT STRUCTURE IN ITS BOTTOM SECTION	IIZUKA , TAKAO
<u>06760420</u>	Not Issued	166	07/30/1985	CONTAINER HAVING	IIZUKA , TAKAO

				COLLAPSE PANELS WITH REINFORCING RIBS	
<u>06760418</u>	<u>D294462</u>	150	07/30/1985	CONTAINER WALL	IIZUKA , TAKAO
<u>06442180</u>	Not Issued	161	11/16/1982	METHOD OF STRENGTHENING NECK PORTION OF BOTTLE-SHAPED CONTAINER OF POLYETHYLENE TEREPHTHALATE RESIN	IIZUKA , TAKAO
<u>06377956</u>	<u>4476084</u>	150	05/13/1982	METHOD OF STRENGTHENING A NECK PORTION OF A BOTTLE-SHAPED CONTAINER OF BIAXIALLY ORIENTED POLYETHYLENE TEREPHTHALATE RESIN	IIZUKA , TAKAO

[Search and Display More Records.](#)

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>
	<input type="text" value="IIZUKA"/>	<input type="text" value="TAKAO"/>
	<input type="button" value="Search"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)




**PALM INTRANET**

Day : Tuesday  
Date: 11/23/2004  
Time: 05:44:35

## Inventor Name Search Result

Your Search was:

Last Name = IIZUKA

First Name = TAKAO

Application#	Patent#	Status	Date Filed	Title	Inventor Name 8
<a href="#">29110698</a>	<a href="#">D451033</a>	150	09/14/1999	CONTAINER	IIZUKA , TAKAO
<a href="#">29110697</a>	<a href="#">D451032</a>	150	09/14/1999	CONTAINER	IIZUKA , TAKAO
<a href="#">29107732</a>	<a href="#">D428338</a>	150	07/14/1999	CONTAINER WITH HANDLE	IIZUKA , TAKAO
<a href="#">29085400</a>	<a href="#">D421386</a>	150	03/23/1998	HANDLE FOR A CONTAINER	IIZUKA , TAKAO
<a href="#">08690803</a>	<a href="#">5851478</a>	150	08/01/1996	MOLDING METHOD AND COOLING APPARATUS FOR PRESSURE RESISTING BOTTLES OF SYNTHETIC RESIN	IIZUKA , TAKAO
<a href="#">08367248</a>	<a href="#">5535901</a>	150	02/17/1995	SYNTHETIC RESIN BOTTLE WITH HANDLE AND ITS PRODUCTION METHOD	IIZUKA , TAKAO
<a href="#">08211165</a>	<a href="#">5585125</a>	150	06/21/1994	MOLDING METHOD AND COOLING APPARATUS FOR PRESSURE RESISTING BOTTLES OF SYNTHETIC RESIN	IIZUKA , TAKAO
<a href="#">07453164</a>	Not Issued	166	12/19/1989	CONTAINER HAVING SUPPORT STRUCTURE IN IS BOTTOM SECTION	IIZUKA , TAKAO

**Inventor Search Completed: No Records to Display.**

**Search Another:  
Inventor**

**Last Name**

IIZUKA

**First Name**

TAKAO

**Search**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)